AUTHOR INDEX TO VOLUME 55

Abdullaev FI, 113
Abuhijleh AL, 255
Alonso C, 235
Alzuet G, 147
Bal W, 41
Basinger MA, 131
Bertalan C, 67
Borrás J, 147
Chifotides HT, 203
Ding M, 101
Ducros V, 157
Dunbar KR, 203
Dung N-H, 235
Farrell N, 79
Favier A, 157
Ferrer S, 147
Frenkel GD, 113
Fujiwara Y, 123
Gannett PM, 101
Gilman H, 21, 31
Glass RS, 87
Göbl L, 67
Hambley TW, 175
Hanusa TP, 131
Hille R, 295
Hondrellis V, 217
Hukins DWL, 21, 31
Jiang Y, 165
Jones MM, 131
Katsaros N, 203
Kim JH, 295
Kiss T, 53
Komiyama M, 153
Kozlowski H, 41
Liao Z, 165
Lisowski M, 41
Liu C, 165
Liu J, 165
Liu K, 101
Liu W, 165
Manessi-Zoupa E, 217
Maret W, 77
Martín-Ramos JD, 235
Martin RB, 53
Massoud SS, 183
Matilla A, 235
Matsumura K, 153
Mernissi-Arifi K, 263
Miyazaki M, 123
Molenda JJ, 131
Niclós-Gutiérrez J, 235
Nyéki O, 67
Ozawa T, 123
Pérez JM, 235
Perlepes SP, 217
Pettit LD, 41
Pezeshk A, 1
Pneumatikakis G, 203
Pursiainen J, 53
Ramappa PG, 13
Richard MJ, 157
Riddell FG, 279
Robbins R, 41
Rojanasakul Y, 101
Rowatt E, 249
Safavi A, 41
Sakurai T, 193
Sanaullah, 87
Schlewer G, 263
Schon I, 67
Shi J, 165
Shi X, 101
Soares Fontes AP, 79
Somasekharappa KG, 13
Sorenson JRJ, 147
Sóvágó I, 53, 67
Spiess B, 263
Subczynski WK, 1
Tercero JM, 235
Tsangaris JM, 217
Ueda J-i, 123
Viossat B, 235
Webster LK, 175
Wehrer C, 263
Williams RJP, 249
Wilson GS, 87
Wojas J, 1
Zhou Z, 279
Zou Y, 79

SUBJECT INDEX TO VOLUME 55

Adenosine 5'-triphosphate (ATP), aqua-amine-cobalt(III) complexes and, 183
Albumin, hydroxyapatite, seeded growth in, 21, 31
Alkali metal ions, NMR studies and, 263
Alkyl chains, probucol and, 1
Aluminum, phosvitin and, 249
Aluminum(III)-adenosine-5'-phosphates, ternary complex formation with carboxylic acid derivatives and, 53
Alzheimer's disease, aluminum in, 249
Amide groups, ligands containing, 217
Anticonvulsant agents
  acetazolamide, 147
  copper acetazolamide complexes, 147
Antiinflammatory agents, copper(II) complexes of, 255
Antimicrobial activity, in iron(III) complexes, 13
Antitumor studies, cis-dichloro-palladium(II) complexes with diaminosuccinic acid, 235
Aqua-amine-cobalt(III) complexes, adenosine 5'-triphosphate (ATP) hydrolysis by, 183
Ascorbate, one-electron reduction of vanadate with, 101
Ascorbate oxidase, electron-transfer reactions, 193
Azathioprine, mercury(II) and methylmercury(II) complexes of, 203
N-(2-Benzamide)pyridine-2'-carboxamide, transition metal complexes of, 217
Bio-peptides, copper(II) interaction with, 41
Bromide, NMR studies with, 263
Caffeine adducts, ibuprofen and, 255
Calcium, hydroxyapatite in dissolved albumin and, 21, 31
Carboxylic acid derivatives, ternary complex formation with aluminum(III)-adenosine-5'-phosphates and, 53
Chloride, NMR studies with, 263
Chrome azurol S, aluminum measurements with, 249
cis-Dichloro-palladium(II) complexes, diaminosuccinic acid and its diethyl ester in, 235
Contrast reagent, NMR studies with manganese^{2+} as, 263
Copper acetazolamide complexes, anticonvulsant properties of, 147
Copper(II), bio-peptides and, 41
Copper(II) complexes
  hydrogen peroxide activation by, 123
  of ibuprofen, 255
  of thymopoietin derivatives, 67
Crystal growth, hydroxyapatite in dissolved albumin, 21, 31
Cytochrome *c*, electron-transfer reactions, 193
Dehydromethionine, methionine oxidation and, 87
Diaminosuccinic acid, cis-dichloro-palladium(II) complexes with, 235
Dimethylsulfoxide, synthesis of functionalized platinum complexes with, 79
Diphenylpyraline complexes, iron(III), 13
Electron paramagnetic resonance studies, substrate binding to xanthine oxidase, 295
Electron spin resonance spin trapping methods, hydrogen peroxide activation of copper(II) complexes, 123
Electron-transfer, from cytochrome *c* to ascorbate oxidase, 193
Glutathione peroxidase, 157
Halide ions, NMR studies with, 263
Hydrogen peroxide, copper(II) complexes in activation of, 123
Hydroxyapatite, seeded growth in albumin, 21, 31
3-Hydroxypyrid-4-ones, synthesis and iron(III) binding of, 131
Ibuprofen, mononuclear and binuclear copper(II) complexes of, 255
Inositol-phosphates, complexation studies on, 263
Iron(III), 3-hydroxypyrid-4-ones and, 131
Iron(III) chloride, diphenylpyraline complexes of, 13
Iron(III) nitrate, diphenylpyraline complexes of, 13
Iron(III) sulphate, diphenylpyraline complexes of, 13
Iron(III) thiocyanate, diphenylpyraline complexes of, 13
Kojic acid, hydrophilic derivatives of, 131
Leukemia, P388, L- and D-[Pt(O-Methyl-methionine)Cl_2] against, 175
Ligands, amide groups in, 217
Lipid peroxidation, probucol and, 1
Manganese^{2+}, contrast reagent for NMR studies, 263
Mercaptopurine, mercury(II) and methylmercury(II) complexes of azathioprine, 203
Mercury(II), azathioprine complexes of, 203
Metal complexes
  N-(2-Benzamide)pyridine-2'-carboxamide, 217
  bio-peptides and, 41
Metal ions
  NMR studies and, 263
  phosphatidylinositol hydrolysis by rare earth, 153
  phosphatidylinositol hydrolysis by rare earth metal ion, 153
Methionine, redox chemistry of, 87
O-Methyl-methionine dichloroplatinum(II), L and D enantiomers of, 175
Methylmercury(II), azathioprine complexes of, 203
Metronidazole, ibuprofen and, 255
Myo-inositol triphosphates, protonation and complexation properties of, 263
N,N,N',N'-tetrakis (2'-benzimidazolyl methyl)-1,4-diethylene amino glycol ether (EGTB), superoxide dismutase (SOD)-like activity of, 165
Nucleic acid synthesis, selenite inhibition of, 113
Palladium-diaminosuccinic acid complexes, 235
Phosphatidylcholine membranes, probucol and, 1
Phosphatidylinositol, rare earth metal ion hydrolysis of, 153
Phospholipase C mimic, phosphatidylinositol hydrolysis by rare earth metal ion as, 153
Phosvitin, aluminum and, 249
Plasma proteins, time course of selenium labeled, 157
Platinum complexes, synthesis of functionalized, 79
Probucol
  lipid peroxidation and, 1
  phosphatidylcholine membranes and, 1
SDS micelles, copper(II) interaction with bio-peptides and, 41
Selenite, cellular nucleic acid synthesis by, 113
Selenium, human plasma proteins and, 157
Selenoproteins, 157
Spectroscopic studies
  copper(II) complexes of thymopoietin derivatives, 67
  copper(II) interaction with bio-peptides, 41
  mercury(II) and methylmercury(II) complexes of azathioprine, 203
  superoxide dismutase (SOD) activity, 165
  ternary complex formation with aluminum(III)-adenosine-5'-phosphates and carboxylic acid derivatives, 53
  vanadate, one-electron reduction of, 101
Spin-labeled adenine derivative, substrate binding to xanthine oxidase and, 295
Spin labeling methods, probucol and, 1

Substrate binding, xanthine oxidase in, 295
Sulfhydryl compounds, selenite and, 113
Superoxide dismutase (SOD)-like activity of, N,N,N',N'-tetrakis (2'-benzimidazolyl methyl)-1,4-diethylene amino glycol ether (EGTB), 165
Ternary complex formation, aluminum(III)-adenosine-5'-phosphates and carboxylic acid derivatives in, 53
Thiobarbituric acid methods, hydrogen peroxide activation of copper(II) complexes, 123
Thioethers, methionine oxidation and, 87
Thymopoietin, copper(II) complexes of, 67
Transition metal complexes, N-(2-Benzamide)pyridine-2'-carboxamide, 217
Vanadate, ascorbate in one-electron reduction of, 101
Vanadium(V), ascorbate in one-electron reduction of, 101
Vitamin E, probucol and, 1
Xanthine oxidase, substrate binding to, 295
Z form, platinum complexes, synthesis of functionalized,